PTO/SB/08A (04-03)

Approved for use through 04/30/2003. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
to a collection of information unless it contains a valid OMB control number.

Inder the Paperwork Reduction Act of 1995, no persons are required to	Complete if Known			
Substitute for form 1449/PTO	Application Number	unknown		
	Filing Date	unknown		
INFORMATION DISCLOSURE	First Named Inventor	Paul R. Harvey		
STATEMENT BY APPLICANT	Art Unit	unknown		
(Use as many sheets as necessary)	Examiner Name	unknown		
- 1 - 1 - 2	Attorney Docket Number	PHNL020845US		

- T	1 of 2	1	Attorney Docket Number Fi	1111102004333
Sheet	1 9 5			
		U. S. PATENT	DOCUMENTS Name of Patentee or	Pages, Columns, Lines, Where
Examiner Cite Initiats* No.	Document Number	Publication Date MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
	Number-Kind Code ^{2 (f known)}	40.40.4000	Krol	all
/LNL/	^{US-} 4,791,371	12-13-1988		all
/LNL/	^{US-} 5,111,144	05-05-1992	Kuhn	
/ENL/	US- 5,423,315	06-13-1995	Margosian, et al.	all
-/ENL/	^{US-} 5,636,636	06-10-1997	Kuhn, et al.	all
-/ENL/	US- 2001/0009369 A1	07-26-2001	Shimo, et al.	all
/ []	US-			
	US-			
	US-			

Examiner	Cite	Foreign Patent Document	GN PATENT DOCU Publication	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Ι.
initials*	No.1		MM-DD-YYYY	Applicant of Cited Bossman	Or Relevant Figures Appear	Τ°
	├	Country Code ³ Number ⁴ 'Kind Code ⁸ (if known) EP 0 654 675 A1	05-24-1995	Margosian	all	
_/LNL/		EP 1 024 371 A2	08-02-2000	Hajnal	all	┡
/LNL/ /LNL/	-	GB 2 101 327 A	01-12-1983	Shittenheim	all	┝
/ 						┢

the appropriate symbols as indicated on the document shade this observable of the appropriate symbols as indicated on the document shade this collection is attached.

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the This collection of information is required to take 2 hours to complete. USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete. USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete. USPTO time will vary depending upon the individual case. Any comments including gathering, preparing, and submitting the complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent on the amount of time you require to complete the patent of the USPTO. This ADDRESS SEND and Trademark Office, U.S. Department of Commence, washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND and Trademark Office, U.S. D

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08B (04-03)
Approved for use through 04/30/2003. OMB 0851-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
a collection of information unless it contains a valid OMB control number

Unde	er the Paperwork	Reduction Ac	t of 1995, no persons ar	e required to respond to a collection	of information unless it contains a valid OMB control number. Complete if Known
Substitute	o for form 1449/P	то		Application Number	unknown
INIEC	DMATI	ON DIS	CLOSURE	Filing Date	herewith
STA	TEMEN.	T BY A	PPLICANT	First Named Inventor	Paul R. Harvey
JIA				Art Unit	unknown
	(Use as man	y sheets as n	ecessary)	Examiner Name	unknown
Sheet	2	of	2	Attorney Docket Number	PHNL020845US
Stiger			<u> </u>		

		NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the article (when appropria	2
Examiner Initials*	Cite No.1	the item (book, magazine, journal, serial, serial, symptotic), the item (book, magazine, journal, serial, serial, symptotic), and item (book, magazine, journal, serial, seria	T ²
/LNL/		deZWART, et al.; Design of a SENSE-Optimized High-Sensitivity MRI Receive Coll for Brain Imaging; MRM; 2002; 47:1218-1227.	
/LNL/		PRUESSMANN, K.P., et al.; SENSE: Sensitivity Encoding for Fast MRI; MRM; 1999; 42:952-962.	
· · · · · · · · · · · · · · · ·			
	-	i i	
	-		
	+	1	

- 1				
			Date	07/20/2007
1	Examiner	/Lawrence Laryea/	Considered	
	Signature	/ Lavi of the Lat y day	9. Draw line through o	itation if not in conformance and not

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation is not in conformance and not considered. Initial if reference considered, including citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including to process. Any comments of the Chief Information of the Chief Information of the Chief Information is required to

PTO/SE/08A (04-03)
Approved for use through 04/30/2003. OMB 0851-0031 rademark Office; U.S. DEPARTMENT OF COMMERCE ormation unless it continues as unless its continues as unl

Under the Paperwork Reduction Act of 1995, no persons are regulared to	respond to a collection of informati	on unless it contains a valid OMB contri nplete if Known	NUMBER 15
Substitute for form 1449/PTO	Application Number		
	Filing Date	unknown	
INFORMATION DISCLOSURE	First Named Inventor	Paul R. Harvey	
STATEMENT BY APPLICANT	Art Unit	unknown	
(Use as many sheets as necessary)	Examiner Name	unknown	
	Attorney Docket Number	PHNL020845US	

Sheet	1 of 2		Anomey Docker Number FY1141	.0200.000
- Silber 1			DOCUMENTS	
xaminer C	Document Number	Publication Date MM-00-YYYY	Name of Patentae or Applicant of Cited Document	Pages, Columns, Lines, Where Retevant Passages or Retevant Figures Appear.
	Number-Kind Code ^{2,07 brown} US- 4,791,371	12-13-1988	Krol	all
	US- 5,111,144	05-05-1992	Kuhn	all
	US- 5,423,315	06-13-1995	Margosian, et al.	all
₩-	US- 5,636,636	06-10-1997	Kuhn, et al.	all
LNL	US- 2001/0009369 A1	07-26-2001	Shimo, et al.	
	U\$-		<u> </u>	
	U\$-			
	US-		+	
1	V3-			

Examiner Initials*	Cite No.	Foreign Patent Oocument	Publication Date MM-DD-YYYY	MENTS Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	74
	├	Country Code ³ Number ⁴ 'IGnd Code ⁸ (# known) EP 0 654 675 A1	05-24-1995	Margosian	all .	┝
LNL		EP 1 024 371 A2	08-02-2000	Hajnai	all	╟
LNL	_	GB 2 101 327 A	01-12-1983	Shittenheim	all	╫
						L
	↓					

Examiner /Lawrence Laryea/	Date Considered	01/06/2007

Signature //LIAWIERCE LATYES/

*EXMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See kinds correctly considered, include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See kinds correctly considered include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See kinds correctly unique citation designation number (optional). See kinds considered unique citation designation number (optional). See kinds comment. See kinds of the passion of the passion number (optional). See kinds comment. See kinds of the passion of the passion number of the passion designation of the passion of the passion of the passion of the passion of information is required by 37 CFR 1.97 end 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the Comment of incomment on incomment of the passion. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete to complete passions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent on the smourt of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent on the smourt of time you require to complete this form and/or suggestions for reducing this burden, should be sent

PTO/S8/08B (04-03)
Approved for use through 04/30/2003, OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
as collection of information unless it contains a veild OMB control number.

Une	ter the Paperwork	Reduction Ac	of 1995, no persons ar	e required to respond to a collection	Complete if Known
Substitut	le for form 1449/P	то		Application Number	unknown
INE	ADMATIC	ON DIS	CLOSURE	Filing Date	herewith
STA	TEMEN	ΓBY A	PPLICANT	First Named Inventor	Paul R. Harvey
317				Art Unit	unknown
	(Use as man)	y sheets as n	ecessery)	Examiner Name	unknown
(0)-00	1 6	of	2	Attorney Docket Number	PHNL020845US
Sheet	2	01			

		NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the article (when appropria	
Examiner Initials*	Cite No.	the item (book, magazine, journal, serial, syriand/or country where published.	T ²
LNL		deZWART, et al.; Design of a SENSE-Optimized High-Sensitivity MRI Receive Coll to Brain Imaging; MRM; 2002; 47:1218-1227.	
LNL		PRUESSMANN, K.P., et al.; SENSE: Sensitivity Encoding for Fast MRI; MRM; 1999; 42:952-962.	
		·	
	+-		
	 		
	+-		
			-
1			L

		Date	01/06/2007
Examiner	/Lawrence Laryea/	Considered	·
Signature	/Lawrence Laryea/	Draw line through c	distion if not in conformance and not

"EXAMINER: Initial if reference considered, whether or not clistion is in conformance with MPEP 609. Draw line through clistion is not in conformance and not considered, include copy of this form with next communication to applicant.

1 Applicant's unique clistion designation number (optional). 2 Applicant is to place a check mark here if English language Translation is effected.

1 Applicant's unique clistion designation number (optional). 2 Applicant is to place a check mark here if English language Translation is effected.

1 Applicant's unique clistion designation number (optional). 2 Applicant is to place a check mark here if English language Translation is effected.

1 Applicant's unique clistion designation number (optional). 2 Applicant is possible as estimated to take 120 minutes to complete, including to process) an application. Confidentially is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including to process) an application. Confidentially is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including to process) an application. Confidentially is governed by 35 U.S.C. 122 and 37 CFR 1.19. Time will very depending upon the individual case. Any comments on the gathering, preparing, and submitting the completed application form to the USPTO. Time will very depending upon the individual case. Any comments on the gathering, preparing, and submitting the complete displacation form to the USPTO. Time will very depending upon the individual case. Any comments on the gathering period of the process of the proces